

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Worth 3-4744

For release July 1, 1960

Washington 25, D. C.

Vol. 9, No. 25

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended June 25, 1960

The total number of cases of poliomyelitis reported for the week ended June 25 was 41, which is only slightly in excess of the corrected total (38) for the previous week. Twenty-eight of the 41 cases were paralytic as compared with 31 for the previous week.

Except for a slightly larger number of cases reported by California, the paralytic cases were scattered throughout the country, as shown in table 2. Two new cases of paralytic poliomyelitis were reported by Rhode Island. Both patients, who were 4 years old, had not been vaccinated. Other suspect hospitalized cases are under investigation. California reported a total of 16 cases, 14 of which were paralytic. There were 2 deaths. Three paralytic and 2 nonparalytic cases were reported

in Los Angeles County, but the remainder were scattered throughout the State.

The 19 cases of typhoid fever reported by Louisiana occurred in an epidemic in the southern part of the State. A preliminary report indicates that the epidemic was foodborne. Details and final numbers of cases will be reported at a later date.

The 5 cases of psittacosis reported by Pennsylvania occurred in Philadelphia. The only information presently available is that the cases were scattered in the city.

A correction has been made in the cumulative total number of cases of meningococcal meningitis for New York. Inad-

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports)

Disease (Seventh Revision of International Lists, 1955)	25th week			Cumulative						Approximate seasonal low point
	Ended June 25, 1960 ¹	Ended June 27, 1959	Median 1955-59	First 25 weeks			Since seasonal low week			
				1960 ¹	1959	Median 1955-59	1959-60 ¹	1958-59	Median 1954-55 to 1958-59	
Anthrax-----062	-	1	-	10	9	10	(2)	(2)	(2)	(2)
Botulism-----049.1	1	-	-	4	6	3	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	17	22	22	413	374	484	(2)	(2)	(2)	(2)
Diphtheria-----055	4	8	15	326	388	446	894	990	1,219	July 1
Encephalitis, infectious-----082	33	39	37	797	719	719	148	141	141	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	644	321	321	19,105	11,779	11,084	27,535	17,215	17,215	Sept. 1
Malaria-----110-117	-	2	3	26	32	48	(2)	(2)	(2)	(2)
Measles-----085	10,952	7,267	10,874	362,842	336,117	483,371	402,311	390,117	539,121	Sept. 1
Meningitis, aseptic-----340 pt.	39	-	-	705	-	-	-	-	-	-
Meningococcal infections-----057	40	40	39	1,218	1,287	1,371	1,882	2,153	2,380	Sept. 1
Poliomyelitis-----080	41	118	137	434	849	1,369	214	556	839	Apr. 1
Paralytic-----080.0,080.1	28	66	66	313	580	607	159	372	572	Apr. 1
Nonparalytic-----080.2	11	32	76	82	175	574	43	127	408	Apr. 1
Unspecified-----080.3	2	20	20	39	94	188	12	57	99	Apr. 1
Psittacosis-----096.2	8	-	2	52	56	145	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	-	2	3	(2)	(2)	(2)	(2)
Streptococcal sore throat, including scarlet fever-----050,051	3,982	-	-	191,533	-	-	-	-	-	-
Typhoid fever-----040	37	26	26	299	291	525	171	164	264	Apr. 1
Typhus fever, endemic-----101	4	1	2	34	16	42	29	10	22	Apr. 1
Rabies in animals-----	61	77	77	1,999	1,898	2,462	3,048	2,804	3,512	Oct. 1

¹Data exclude report from Arizona for the current week.

²Data show no pronounced seasonal change in incidence.

vertently, other forms of bacterial meningitis were included in the cases reported by New York City. Ninety-seven such cases have been subtracted from the cumulative total for the State. The corrected totals for the country as a whole and for New York appear in table 1.

EPIDEMIOLOGICAL REPORTS

Typhoid fever

Dr. L. L. Fatherree, Illinois Director of Public Health, has supplied information on the investigation of 2 cases of typhoid fever occurring in a family living in the northeastern part of the State. The first case was a 7-year-old boy who became ill at school with headache, fever, sore throat, nausea and vomiting. He was hospitalized 5 days later at which time his temperature was 105°F. A stool specimen at the hospital and a blood culture by the State Department of Health Laboratory were positive for *Salmonella typhosa*. The boy's 3-year-old sister was admitted to the hospital several days after his admission with symptoms suspicious of typhoid fever. Because of the prompt institution of chemotherapy positive laboratory results so far have not been obtained, but the infection in this girl is considered to be typhoid fever. Another suspect case is under investigation.

The children were members of one family living with other Mexican families in an apartment of 7 small units. They were makeshift structures in the back of a shed-like cement block building. Each unit was separated by plywood partitions. Two flush toilets and 2 faucets were available for the 7 units but there were no handwashing facilities nor running water in individual apartments. Water was obtained from a well that was 20 feet deep. Toilets discharged into a septic tank with overflow draining into a slough back of the buildings. One of the residents of the apartment, a 29-year-old woman, was found to be a typhoid carrier. No history of an attack of typhoid fever could be obtained, but it was thought that she may have had the disease while still residing in Mexico.

Plans for evicting the families and condemning the building have been postponed until sufficient time has elapsed to rule out additional cases. Meanwhile, the water from the well was prohibited for use except for flushing the toilets. Water for drinking and cooking was supplied from a tank-wagon. A garbage dump at the edge of the slough was leveled off and buried. Arrangements were made to vaccinate all residents of the building.

Suspect cases of quarantinable diseases

The California Department of Public Health has reported on the investigation of suspect cases of 2 quarantinable diseases in persons traveling to the United States. One case involved an Indian who has been residing in the State but had visited India with a friend. Both became ill in that country with fever and diarrhea. The friend died with what was alleged to be cholera. Two weeks later the man left New Delhi by jet plane on April 17, reached Los Angeles on April 19, and arrived at his home on the same day. During the flight he became ill with fever and sore throat, and later severe pharyngo-tracheo-bronchitis for which he was hospitalized. Two days later respiratory symptoms were improved but he developed a profuse, watery diarrhea, with severe cramping. This lasted for 6 days. A diagnosis of cholera was considered, but all stool cultures were negative until the 10th day when *Endamoeba histolytica* was found. The patient improved when given specific treatment.

The other case involved a Mexican worker who became ill 13 days after entry into California with fever and a vesicular type of rash. He had been vaccinated against smallpox when he entered. Smallpox was considered a possibility even though the distribution of lesions was not typical of smallpox or of chickenpox. As a precaution, nonvaccinated contacts were vaccinated. Laboratory examinations of specimens from the patient did not reveal evidence of smallpox infection.

Bat bites

The Morbidity Report of the Mississippi State Board of Health, for the week ended June 17, states that 5 persons living in one small area in the heart of a town in the north central part of the State were attacked by bats. Physical examinations showed small, closely spaced, superficial punctures of the scalp at the point of contact. Preliminary investigation indicates that the victims were struck by the mouse-eared, little brown bat. Reports were received of 4 bats that had fallen to the ground in the week preceding the attacks. Rabies in bats has not yet been identified in Mississippi.

QUARANTINE MEASURES

Immunization Information for International Travel No changes reported

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED JUNE 27, 1959, AND JUNE 25, 1960

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Poliomyelitis 080										Menin- gitis, aseptic 340 pt.	Brucel- losis (undul- lant fever) 044
	Total ¹				Paralytic 080.0,080.1				Nonparalytic			
	25th week		Cumulative, first 25 weeks		25th week		Cumulative, first 25 weeks		080.2			
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959		
UNITED STATES ² -----	41	118	434	849	28	66	313	580	11	32	39	17
NEW ENGLAND-----	3	-	23	8	3	-	23	7	-	-	-	-
Maine-----	1	-	6	-	1	-	6	-	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	1	-	-	-	-	1	-	-	-	-
Massachusetts-----	-	-	6	4	-	-	6	3	-	-	-	-
Rhode Island-----	2	-	11	2	2	-	11	2	-	-	-	-
Connecticut-----	-	-	-	1	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC-----	4	4	46	45	3	1	32	21	1	1	2	2
New York-----	1	2	34	34	1	1	23	17	-	-	-	1
New Jersey-----	-	2	6	9	-	-	6	3	-	1	2	-
Pennsylvania-----	3	-	6	2	2	-	3	1	1	-	-	1
EAST NORTH CENTRAL-----	3	14	48	78	-	8	18	39	1	5	9	-
Ohio-----	-	4	20	32	-	2	6	12	-	2	4	-
Indiana-----	1	4	1	9	-	4	-	8	-	-	1	-
Illinois-----	1	-	10	6	-	-	7	2	1	-	2	-
Michigan-----	1	6	14	27	-	2	4	13	-	3	1	-
Wisconsin-----	-	-	3	4	-	-	1	4	-	-	1	-
WEST NORTH CENTRAL-----	5	25	27	123	1	9	14	71	4	8	5	9
Minnesota-----	2	1	12	6	1	1	9	5	1	-	5	-
Iowa-----	3	11	8	44	-	2	2	26	3	7	-	7
Missouri-----	-	5	4	39	-	-	3	24	-	-	-	-
North Dakota-----	-	-	-	1	-	-	-	-	-	-	-	-
South Dakota-----	-	-	1	3	-	-	-	-	-	-	-	-
Nebraska-----	-	6	-	16	-	5	-	12	-	1	-	-
Kansas-----	-	2	2	14	-	1	-	4	-	-	-	2
SOUTH ATLANTIC-----	5	17	62	160	5	9	49	120	-	5	2	2
Delaware-----	-	1	1	3	-	1	-	3	-	-	-	-
Maryland-----	-	-	1	-	-	-	-	-	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	-	2	-	15	-	1	-	13	-	-	-	-
West Virginia-----	-	1	4	19	-	1	4	13	-	1	2	2
North Carolina-----	1	3	17	18	1	3	17	16	-	-	-	-
South Carolina-----	1	3	7	11	1	1	5	7	-	1	-	-
Georgia-----	1	2	4	10	1	2	3	10	-	-	-	-
Florida-----	2	5	28	84	2	-	20	58	-	3	-	-
EAST SOUTH CENTRAL-----	-	16	14	78	-	9	11	51	-	6	3	2
Kentucky-----	-	-	8	11	-	-	5	9	-	-	-	-
Tennessee-----	-	4	1	24	-	3	1	18	-	-	1	-
Alabama-----	-	5	1	13	-	5	1	10	-	-	1	2
Mississippi-----	-	7	4	30	-	1	4	14	-	6	1	-
WEST SOUTH CENTRAL-----	4	29	53	199	1	22	33	148	3	4	2	2
Arkansas-----	-	5	2	33	-	5	-	31	-	-	-	-
Louisiana-----	-	5	15	29	-	3	11	24	-	2	-	1
Oklahoma-----	-	4	3	20	-	1	3	10	-	-	-	1
Texas-----	4	15	33	117	1	13	19	83	3	2	2	-
MOUNTAIN ² -----	1	8	22	41	1	4	12	24	-	2	1	-
Montana-----	1	-	10	2	1	-	6	-	-	2	1	-
Idaho-----	-	2	4	3	-	-	1	-	-	-	-	-
Wyoming-----	-	-	1	-	-	-	-	-	-	-	-	-
Colorado-----	-	-	1	2	-	-	1	2	-	-	1	-
New Mexico-----	-	-	2	8	-	-	-	3	-	-	-	-
Arizona-----	---	6	² 3	23	---	4	² 3	3	---	-	-	-
Utah-----	-	-	1	2	-	-	1	-	-	2	---	---
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	18	5	139	117	14	4	121	99	2	1	15	-
Washington-----	-	-	7	8	-	-	7	8	-	-	-	-
Oregon-----	-	2	16	13	-	2	11	10	-	-	-	-
California-----	16	3	110	96	14	2	97	81	2	1	15	-
Alaska-----	-	-	2	-	-	-	2	-	-	-	-	-
Hawaii-----	-	-	4	(4)	-	-	4	(4)	-	-	-	-
Puerto Rico-----	---	-	² 213	3	---	-	² 211	3	---	-	---	---

¹Includes cases not specified by type, category number 080.3.

²Data exclude report from Arizona for the current week.

³Data exclude report from Puerto Rico for the current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED JUNE 27, 1959, AND JUNE 25, 1960—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Diphtheria 055				Encephalitis, infectious		Hepatitis, infectious, and serum 092,N998.5 pt.				Measles	
	25th week		Cumulative, first 25 weeks		082		25th week		Cumulative, first 25 weeks		085	
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959
UNITED STATES ² -----	4	8	326	388	33	39	644	321	19,105	11,779	10,952	7,267
NEW ENGLAND-----	1	-	9	5	-	1	17	9	575	380	1,332	408
Maine-----	-	-	2	-	-	-	4	-	40	71	96	115
New Hampshire-----	-	-	-	-	-	-	-	-	20	10	5	3
Vermont-----	-	-	-	-	-	-	-	1	9	19	164	11
Massachusetts-----	1	-	6	5	-	1	6	7	286	165	729	133
Rhode Island-----	-	-	1	-	-	-	4	-	110	40	41	-
Connecticut-----	-	-	-	-	-	-	3	1	110	75	297	146
MIDDLE ATLANTIC-----	-	-	9	35	4	6	99	51	2,011	1,728	1,624	1,687
New York-----	-	-	1	20	1	2	41	28	1,001	1,041	1,160	940
New Jersey-----	-	-	1	9	3	-	1	7	158	206	329	557
Pennsylvania-----	-	-	7	6	-	4	57	16	852	481	135	190
EAST NORTH CENTRAL-----	-	-	25	19	5	8	118	61	3,651	1,947	4,006	1,426
Ohio-----	-	-	14	6	1	1	36	29	1,196	596	660	249
Indiana-----	-	-	4	2	-	5	5	5	450	192	274	71
Illinois-----	-	-	3	8	2	-	23	13	767	385	334	151
Michigan-----	-	-	3	1	2	1	50	12	1,078	663	1,219	362
Wisconsin-----	-	-	1	2	-	1	4	2	160	111	1,519	593
WEST NORTH CENTRAL-----	-	1	18	34	1	1	36	28	1,484	950	161	236
Minnesota-----	-	-	5	16	-	-	3	7	149	230	16	42
Iowa-----	-	1	2	3	-	1	8	1	255	83	83	104
Missouri-----	-	-	2	3	-	-	19	17	552	258	26	50
North Dakota-----	-	-	1	2	-	-	2	2	115	201	35	37
South Dakota-----	-	-	5	3	-	-	2	-	116	10	-	-
Nebraska-----	-	-	1	7	-	-	-	-	143	49	1	3
Kansas-----	-	-	2	-	1	-	2	1	154	119	(*)	(*)
SOUTH ATLANTIC-----	2	2	75	83	3	6	81	19	2,267	1,049	675	612
Delaware-----	-	-	-	-	-	-	8	1	133	60	10	12
Maryland-----	-	-	1	1	3	-	5	3	226	263	71	51
District of Columbia-----	-	-	-	-	-	1	1	-	16	11	12	12
Virginia-----	1	1	9	7	-	1	7	4	454	205	207	236
West Virginia-----	-	-	2	1	-	-	16	1	438	203	156	127
North Carolina-----	-	-	2	7	-	2	11	2	177	59	24	77
South Carolina-----	1	1	19	7	-	-	1	2	42	16	23	34
Georgia-----	-	-	17	29	-	-	5	1	162	90	16	2
Florida-----	-	-	25	31	-	2	27	5	619	142	156	61
EAST SOUTH CENTRAL-----	1	-	39	47	5	4	83	21	2,908	1,075	644	344
Kentucky-----	-	-	1	5	-	-	14	8	1,149	506	136	127
Tennessee-----	1	-	6	5	1	-	29	6	944	249	447	186
Alabama-----	-	-	20	9	1	1	27	7	605	232	32	31
Mississippi-----	-	-	12	28	3	3	13	-	210	88	29	-
WEST SOUTH CENTRAL-----	-	5	118	149	1	-	44	32	1,560	913	720	599
Arkansas-----	-	3	2	34	-	-	-	4	69	44	3	20
Louisiana-----	-	-	26	39	-	-	-	1	64	89	-	-
Oklahoma-----	-	-	6	2	-	-	1	1	216	120	33	10
Texas-----	-	2	84	74	1	-	43	26	1,211	660	684	569
MOUNTAIN ² -----	-	-	32	10	-	1	26	35	1,570	1,685	506	799
Montana-----	-	-	2	-	-	-	1	7	61	164	78	35
Idaho-----	-	-	11	-	-	-	8	2	204	184	43	33
Wyoming-----	-	-	5	-	-	-	1	-	13	44	-	32
Colorado-----	-	-	3	3	-	-	14	9	542	520	326	113
New Mexico-----	-	-	5	5	-	-	1	4	229	347	-	66
Arizona-----	-	-	² 3	1	-	1	-	10	² 356	316	-	156
Utah-----	-	-	3	-	-	-	1	3	145	96	57	364
Nevada-----	-	-	-	1	-	-	-	-	20	14	2	-
PACIFIC-----	-	-	1	6	14	12	140	65	3,079	2,052	1,284	1,156
Washington-----	-	-	-	-	1	3	13	4	369	296	92	176
Oregon-----	-	-	-	1	-	-	19	9	538	411	394	202
California-----	-	-	4	11	9	105	51	1,986	1,330	729	762	
Alaska-----	-	-	1	1	2	-	1	1	132	15	62	16
Hawaii-----	-	-	-	(2)	-	-	2	-	54	(26)	7	(29)
Puerto Rico-----	-	3	³ 89	17	-	-	-	16	³ 413	125	-	38

²Data exclude report from Arizona for the current week.³Data exclude report from Puerto Rico for the current week.

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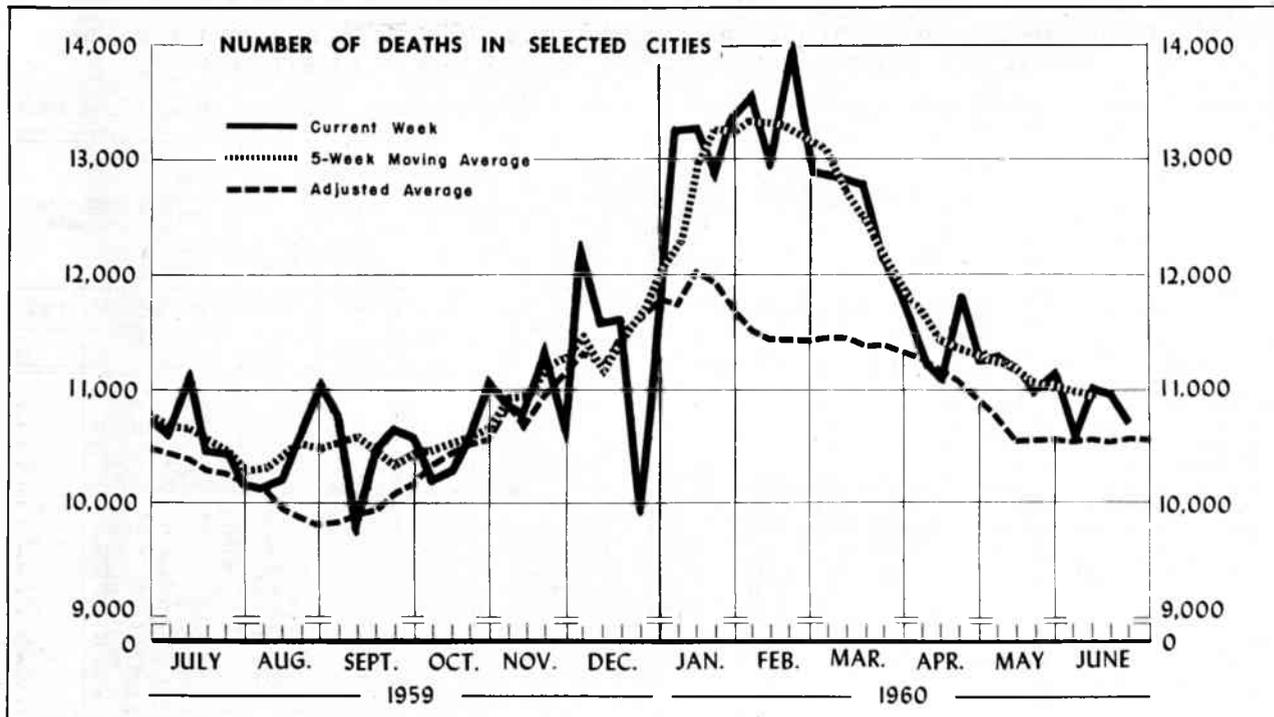
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED JUNE 27, 1959, AND JUNE 25, 1960—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Malaria		Meningococcal infections		Psittacosis	Streptococcal sore throat, etc.	Typhoid fever 040				Typhus fever, endemic	Rabies in animals	
	110-117		057		096.2	050,051	25th week		Cumulative, first 25 weeks		101		
	1960	1960	1959	1960	1960	1960	1960	1959	1960	1959	1960	1960	1959
UNITED STATES ² -----	-	40	40	8	3,982	37	26	299	291	4	61	77	
NEW ENGLAND-----	-	3	1	-	305	-	1	4	7	-	-	-	
Maine-----	-	-	-	-	7	-	-	1	1	-	-	-	
New Hampshire-----	-	-	-	-	8	-	-	-	-	-	-	-	
Vermont-----	-	-	-	-	8	-	-	-	-	-	-	-	
Massachusetts-----	-	1	1	-	156	-	-	2	2	-	-	-	
Rhode Island-----	-	1	-	-	16	-	-	-	1	-	-	-	
Connecticut-----	-	1	-	-	110	-	1	1	3	-	-	-	
MIDDLE ATLANTIC-----	-	7	12	6	211	1	2	15	28	-	12	1	
New York-----	-	2	5	1	125	1	-	12	11	-	12	1	
New Jersey-----	-	1	1	-	43	-	-	-	6	-	-	-	
Pennsylvania-----	-	4	6	5	43	-	2	3	11	-	43	-	
EAST NORTH CENTRAL-----	-	11	7	-	410	-	5	31	40	-	13	10	
Ohio-----	-	1	2	-	83	-	1	5	20	-	3	4	
Indiana-----	-	1	-	-	70	-	-	9	5	-	5	2	
Illinois-----	-	3	2	-	51	-	2	8	7	-	3	-	
Michigan-----	-	4	3	-	113	-	2	5	7	-	2	1	
Wisconsin-----	-	2	-	-	93	-	-	4	1	-	-	3	
WEST NORTH CENTRAL-----	-	2	2	-	63	1	5	17	18	-	12	14	
Minnesota-----	-	-	-	-	8	-	-	1	-	-	1	4	
Iowa-----	-	-	-	-	33	1	1	1	1	-	5	4	
Missouri-----	-	1	-	-	2	-	2	13	10	-	6	1	
North Dakota-----	-	-	-	-	4	-	-	-	1	-	-	3	
South Dakota-----	-	-	-	-	-	-	1	1	2	-	-	-	
Nebraska-----	-	-	1	-	-	-	1	1	1	-	-	2	
Kansas-----	-	1	1	-	16	-	-	-	3	-	-	-	
SOUTH ATLANTIC-----	-	11	2	-	308	3	2	38	55	-	6	12	
Delaware-----	-	-	-	-	3	-	-	-	-	-	-	-	
Maryland-----	-	1	-	-	7	-	-	-	-	-	-	-	
District of Columbia-----	-	-	-	-	-	1	-	2	2	-	-	-	
Virginia-----	-	-	-	-	130	-	-	5	14	-	2	3	
West Virginia-----	-	-	1	-	37	-	-	2	2	-	1	1	
North Carolina-----	-	2	1	-	13	1	-	8	5	-	2	1	
South Carolina-----	-	-	-	-	28	-	-	6	4	-	-	-	
Georgia-----	-	4	-	-	-	1	2	8	11	-	1	4	
Florida-----	-	4	-	-	90	-	-	7	17	-	-	3	
EAST SOUTH CENTRAL-----	-	1	4	1	604	4	3	47	29	1	4	14	
Kentucky-----	-	-	-	-	85	1	-	13	5	-	-	7	
Tennessee-----	-	-	1	1	494	1	2	23	12	-	3	2	
Alabama-----	-	1	3	-	6	2	1	8	6	1	1	5	
Mississippi-----	-	-	-	-	19	-	-	3	6	-	-	-	
WEST SOUTH CENTRAL-----	-	2	3	-	542	24	7	106	60	3	10	22	
Arkansas-----	-	1	-	-	-	-	1	18	12	-	2	15	
Louisiana-----	-	1	1	-	-	19	-	43	7	-	-	1	
Oklahoma-----	-	-	-	-	3	-	2	5	10	-	-	-	
Texas-----	-	-	2	-	539	5	4	40	31	3	8	6	
MOUNTAIN ² -----	-	-	6	-	945	-	-	18	15	-	2	-	
Montana-----	-	-	-	-	51	-	-	5	1	-	-	-	
Idaho-----	-	-	-	-	53	-	-	-	3	-	-	-	
Wyoming-----	-	-	-	-	7	-	-	2	1	-	-	-	
Colorado-----	-	-	5	-	432	-	-	-	1	-	2	-	
New Mexico-----	-	-	-	-	272	-	-	5	5	-	-	-	
Arizona-----	-	-	1	-	-	-	-	²⁶ 4	4	-	-	-	
Utah-----	-	-	-	-	130	-	-	-	-	-	-	-	
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	
PACIFIC-----	-	3	3	1	594	4	1	23	39	-	2	4	
Washington-----	-	-	-	-	48	-	-	1	1	-	-	-	
Oregon-----	-	1	1	-	32	4	-	4	2	-	-	-	
California-----	-	2	1	1	490	-	1	18	35	-	2	4	
Alaska-----	-	-	1	-	22	-	-	-	1	-	-	-	
Hawaii-----	-	-	-	-	2	-	-	-	-	-	-	-	
Puerto Rico-----	-	-	-	-	-	-	-	³ 16	4	-	-	-	

²Data exclude report from Arizona for the current week.

³Data exclude report from Puerto Rico for the current week.



The chart shows the number of deaths reported for 117 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week, and an adjusted average for comparison. For 1954-58, this average is based on data for 114 cities; for 1955-59, on data for 117 cities. The adjusted average is computed as follows: From the total deaths reported each week, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is this moving average increased by 4.0 percent to allow for estimated population growth in the cities and surrounding areas.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in selected cities. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week, an estimate is used.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

Area	25th week ended June 25, 1960	24th week ended June 18, 1960	Adjusted average, 25th week 1955-59	Percent change ¹	Cumulative, first 25 weeks			
					1960	1959	Adjusted average, 1955-59	Percent change ¹
TOTAL, 117 REPORTING CITIES-----	² 10,676	10,951	10,599	+0.7	² 302,091	290,834	279,501	+8.1
New England----- (14 cities)	710	682	698	+1.7	19,018	18,391	18,694	+1.7
Middle Atlantic----- (20 cities)	² 2,936	3,002	3,147	-6.7	² 83,446	84,449	83,916	-0.6
East North Central----- (21 cities)	² 2,305	2,357	2,418	-4.7	² 64,867	62,673	63,135	+2.7
West North Central----- (9 cities)	756	779	761	-0.7	21,090	20,038	20,115	+4.8
South Atlantic----- (11 cities)	892	923	918	-2.8	26,290	24,568	24,176	+8.7
East South Central----- (8 cities)	392	505	477	-17.8	13,748	12,975	12,860	+6.9
West South Central----- (13 cities)	² 998	967	894	+11.6	² 26,623	23,897	23,255	+14.5
Mountain----- (8 cities)	346	352	274	+26.3	9,413	8,142	7,186	+31.0
Pacific----- (13 cities)	1,341	1,384	1,325	+1.2	37,596	35,701	35,810	+5.0

¹Current figure divided by adjusted average.

²Includes estimates for missing cities.

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Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	25th week ended June 25, 1960	24th week ended June 18, 1960	Cumulative, first 25 weeks		Area	25th week ended June 25, 1960	24th week ended June 18, 1960	Cumulative, first 25 weeks	
			1960	1959				1960	1959
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	228	255	6,631	6,266	St. Louis, Mo.-----	244	250	6,537	6,148
Bridgeport, Conn.-----	32	41	1,089	1,076	St. Paul, Minn.-----	68	66	1,853	1,685
Cambridge, Mass.-----	39	23	825	723	Wichita, Kans.-----	51	48	1,182	1,217
Fall River, Mass.-----	33	29	767	746	SOUTH ATLANTIC:				
Hartford, Conn.-----	54	49	1,228	1,282	Atlanta, Ga.-----	111	107	3,060	2,855
Lowell, Mass.-----	27	21	629	598	Baltimore, Md.-----	203	243	6,687	6,170
Lynn, Mass.-----	17	19	635	601	Charlotte, N.C.-----	42	24	1,066	929
New Bedford, Mass.-----	19	21	641	601	Jacksonville, Fla.-----	40	47	1,620	1,474
New Haven, Conn.-----	56	44	1,169	1,141	Miami, Fla.-----	64	74	1,905	1,844
Providence, R.I.-----	55	57	1,672	1,708	Norfolk, Va.-----	49	22	1,083	1,015
Somerville, Mass.-----	12	5	373	348	Richmond, Va.-----	59	72	2,064	1,969
Springfield, Mass.-----	46	46	1,209	1,176	Savannah, Ga.-----	32	27	947	800
Waterbury, Conn.-----	40	28	735	701	St. Petersburg, Fla.-----	(66)	(55)	(1,933)	(1,688)
Worcester, Mass.-----	52	44	1,415	1,424	Tampa, Fla.-----	67	69	1,775	1,622
MIDDLE ATLANTIC:					Washington, D.C.-----	186	202	5,080	4,925
Albany, N.Y.-----	34	54	1,134	1,448	Wilmington, Del.-----	39	36	1,003	965
Allentown, Pa.-----	27	40	934	930	EAST SOUTH CENTRAL:				
Buffalo, N.Y.-----	142	154	3,839	3,741	Birmingham, Ala.-----	53	104	2,236	2,089
Camden, N.J.-----	39	45	1,133	1,056	Chattanooga, Tenn.-----	36	32	1,221	1,166
Elizabeth, N.J.-----	30	31	754	760	Knoxville, Tenn.-----	28	35	769	705
Erie, Pa.-----	35	43	995	958	Louisville, Ky.-----	106	124	2,989	2,881
Jersey City, N.J.-----	67	70	1,844	1,939	Memphis, Tenn.-----	60	108	2,947	2,819
Newark, N.J.-----	¹ 96	94	² 2,526	2,587	Mobile, Ala.-----	28	34	1,093	1,020
New York City, N.Y.-----	1,554	1,642	42,482	43,257	Montgomery, Ala.-----	37	29	933	823
Paterson, N.J.-----	31	40	1,013	998	Nashville, Tenn.-----	44	39	1,560	1,472
Philadelphia, Pa.-----	403	295	12,719	12,886	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	176	164	5,039	4,880	Austin, Tex.-----	¹ 27	37	² 920	787
Reading, Pa.-----	¹ 25	18	630	581	Baton Rouge, La.-----	12	30	745	684
Rochester, N.Y.-----	83	99	2,581	2,504	Corpus Christi, Tex.-----	23	20	638	523
Schenectady, N.Y.-----	21	27	616	628	Dallas, Tex.-----	128	117	3,290	2,985
Scranton, Pa.-----	27	42	989	1,014	El Paso, Tex.-----	36	35	986	916
Syracuse, N.Y.-----	56	49	1,617	1,621	Fort Worth, Tex.-----	72	69	1,773	1,603
Trenton, N.J.-----	33	41	1,082	1,121	Houston, Tex.-----	163	185	4,410	3,955
Utica, N.Y.-----	23	26	718	732	Little Rock, Ark.-----	58	42	1,546	1,401
Yonkers, N.Y.-----	34	28	801	808	New Orleans, La.-----	161	179	4,788	4,244
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	78	61	1,954	1,734
Akron, Ohio-----	42	55	1,449	1,509	San Antonio, Tex.-----	116	87	2,697	2,479
Canton, Ohio-----	32	25	901	858	Shreveport, La.-----	66	54	1,417	1,281
Chicago, Ill.-----	721	714	19,907	19,460	Tulsa, Okla.-----	58	51	1,459	1,305
Cincinnati, Ohio-----	152	134	4,102	4,052	MOUNTAIN:				
Cleveland, Ohio-----	213	187	5,589	5,303	Albuquerque, N. Mex.-----	29	27	773	786
Columbus, Ohio-----	83	124	3,090	2,886	Colorado Springs, Colo.-----	17	20	435	387
Dayton, Ohio-----	84	82	1,866	1,709	Denver, Colo.-----	125	116	3,114	3,002
Detroit, Mich.-----	337	335	8,952	8,440	Ogden, Utah-----	16	20	444	400
Evansville, Ind.-----	28	22	946	969	Phoenix, Ariz.-----	60	66	2,025	1,331
Flint, Mich.-----	34	41	1,024	1,044	Pueblo, Colo.-----	18	16	400	349
Fort Wayne, Ind.-----	43	41	969	908	Salt Lake City, Utah-----	38	56	1,255	1,276
Gary, Ind.-----	35	44	822	787	Tucson, Ariz.-----	43	31	967	611
Grand Rapids, Mich.-----	¹ 49	39	² 1,096	1,088	PACIFIC:				
Indianapolis, Ind.-----	130	118	3,812	3,591	Berkeley, Calif.-----	17	14	437	441
Madison, Wis.-----	26	33	836	740	Fresno, Calif.-----	(38)	(43)	(1,187)	(1,044)
Milwaukee, Wis.-----	89	124	3,222	3,290	Glendale, Calif.-----	(39)	(35)	(993)	(907)
Peoria, Ill.-----	28	25	759	749	Honolulu, Hawaii-----	36	49	1,068	955
Rockford, Ill.-----	17	39	737	714	Long Beach, Calif.-----	52	48	1,418	1,419
South Bend, Ind.-----	22	40	742	672	Los Angeles, Calif.-----	464	446	13,441	12,430
Toledo, Ohio-----	86	88	2,596	2,529	Oakland, Calif.-----	79	104	2,504	2,373
Youngstown, Ohio-----	54	47	1,450	1,375	Pasadena, Calif.-----	27	33	892	807
WEST NORTH CENTRAL:					Portland, Oreg.-----	131	139	2,871	2,921
Des Moines, Iowa-----	46	57	1,452	1,357	Sacramento, Calif.-----	62	64	1,506	1,394
Duluth, Minn.-----	21	32	673	669	San Diego, Calif.-----	82	79	2,331	2,080
Kansas City, Kans.-----	23	39	899	889	San Francisco, Calif.-----	179	200	5,184	5,054
Kansas City, Mo.-----	123	105	3,366	3,056	San Jose, Calif.-----	(39)	(32)	(871)	(649)
Lincoln, Nebr.-----	(24)	(26)	(659)	(657)	Seattle, Wash.-----	121	130	3,629	3,459
Minneapolis, Minn.-----	114	120	3,199	3,176	Spokane, Wash.-----	47	51	1,201	1,270
Omaha, Nebr.-----	66	62	1,929	1,861	Tacoma, Wash.-----	44	27	1,114	1,098

¹Estimated.

²Includes estimate for current week.

EXPLANATION OF SYMBOLS USED IN TABLES	
Data not available-----	---
Quantity zero-----	-
Percent more than 0 but less than 0.05-----	0.0
Disease stated not notifiable-----	*
Figures within parentheses not included in totals--	()

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SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for Alaska for 1959 and 1960; data for Hawaii are included for 1960 only. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence are reported by a State (cholera, dengue, plague, louse-borne relapsing fever, small-pox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.